

## **Exhibit T: Carrier Frequency Separation**

**FCC ID: P6I-COPYCAM**

**Justification**

The individuals and/or the organization requesting the test provided the modes, configurations and settings available to evaluate. While scanning the radiated emissions, all of the EUT parameters listed below were investigated. This includes, but may not be limited to, antennas, tuned transmit frequency ranges, operating modes, and data rates.

**Channels in Specified Band Investigated:**

Mid Band

**Operating Modes Investigated:**

Hopping

**Data Rates Investigated:**

Maximum

**Output Power Setting(s) Investigated:**

Maximum

**Power Input Settings Investigated:**

120 VAC, 60 Hz.

**Software\Firmware Applied During Test**

Exercise software	Standard Production Software	Version	Unknown
Description			
The system was tested using standard operating production software to exercise the functions of the device during the testing.			

**Equipment Modifications**

No EMI suppression devices were added or modified. The EUT was tested as delivered.

**EUT and Peripherals**

Description	Manufacturer	Model/Part Number	Serial Number
EUT	Polyvision	CopyCam	E0200066
Control Pad	Polyvision	N/A	N/A
AC Power Adapter	Ault, Inc	P48151000A000G	N/A

**Cables**

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
Ethernet	No	3.6	No	Control Pad	EUT
DC Power	No	4.4	No	EUT	AC Adapter

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

**Measurement Equipment**

Description	Manufacturer	Model	Identifier	Last Cal	Interval
Spectrum Analyzer	Tektronix	2784	AAO	03/08/2001	24 mo


**Test Description**

**Requirement:** Per 47 CFR 15.247(a)(1), the hopping channel carrier frequencies must be separated by a minimum of 25 kHz or the 20dB bandwidth of the hopping channel. The measurement is made with the spectrum analyzer's resolution bandwidth set to greater than or equal to 1% of the span, and the video bandwidth set to greater than or equal to the resolution bandwidth.

**Configuration:** The carrier frequency separation was measured between each of 5 hopping channels in the middle of the authorized band. The measurements were made using a direct connection between the RF output of the EUT and the spectrum analyzer. The hopping function of the EUT was enabled.

Completed by:



NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam			Work Order: POLV0012		
Serial Number: E0200066			Date: 02/22/02		
Customer: PolyVision Corporation			Temperature: 23 degrees C		
Attendees: Guy Williams		Tested by: Greg Kiemel		Humidity: 38% RH	
Customer Ref. No.: N/A		Power: N/A		Job Site: EV06	
TEST SPECIFICATIONS					
Specification: 47 CFR 15.247(a)(1)		Year: Most Current		Method: DA 00-705, ANSI C63.4	
				Year: 1992	
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by PRBS at maximum data rate. Hopping carrier. Maximum output power					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
The hopping channel carrier frequencies shall be separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.					
RESULTS			CHANNEL SPACING		
Pass			1 MHz		
SIGNATURE					
 Tested By: _____					
DESCRIPTION OF TEST					
Carrier Frequency Separation					

